



|  |                           |               |  |
|--|---------------------------|---------------|--|
| <b>Issue Classification</b><br> | Application No.           | Applicant(s)  |  |
|  | 09/438,358                | GERARD ET AL. |  |
|  | Examiner                  | Art Unit      |  |
|  | Gerald G Leffers Jr., PhD | 1636          |  |

| ISSUE CLASSIFICATION                |          |   |                                   |          |      |                          |       |                      |   |
|-------------------------------------|----------|---|-----------------------------------|----------|------|--------------------------|-------|----------------------|---|
| ORIGINAL                            |          | CLASS   | CROSS REFERENCE(S)                |          |      |                          |       |                      |   |
| CLASS                               | SUBCLASS |   | SUBCLASS (ONE SUBCLASS PER BLOCK) |          |      |                          |       |                      |   |
| 435                                 | 91.1     | 435   | 91.4                              | 91.42    | 69.1 | 320.1                    | 252.3 | 320.1                | 6 |
| INTERNATIONAL CLASSIFICATION        |          | 536   | 23.1                              | 24.2     |      |                          |       |                      |   |
| C 1 2 P                             | 19 134   |   |                                   |          |      |                          |       |                      |   |
| C 1 2 N                             | 15 164   |   |                                   |          |      |                          |       |                      |   |
| C 1 2 N                             | 15 100   |   |                                   |          |      |                          |       |                      |   |
| C 1 2 Q                             | 11 68    |   |                                   |          |      |                          |       |                      |   |
| C 0 7 H                             | 21 104   |   |                                   |          |      |                          |       |                      |   |
| (Assistant Examiner) (Date)         |          | <br><b>GERRY LEFFERS</b><br><b>PRIMARY EXAMINER</b> |                                   |          |      | Total Claims Allowed: 74 |       |                      |   |
| (Legal Instruments Examiner) (Date) |          |   |                                   |          |      | O.G. Print Claim(s)<br>6 |       | O.G. Print Fig.<br>1 |   |
|                                     |          | (Primary Examiner) (Date)   |                                   | 7-9-2004 |      |                          |       |                      |   |

| <input checked="" type="checkbox"/> Claims renumbered in the same order as presented by applicant |          |       |          |       |          |       |          |       |          | <input type="checkbox"/> CPA |          | <input type="checkbox"/> T.D. |          | <input type="checkbox"/> R.1.47 |          |
|---|----------|-------|----------|-------|----------|-------|----------|-------|----------|------------------------------|----------|-------------------------------|----------|---------------------------------|----------|
| Final   | Original | Final | Original | Final | Original | Final | Original | Final | Original | Final                        | Original | Final                         | Original | Final                           | Original |
|   | 1        | 18    | 31       |       | 61       | 91    |          |       | 121      |                              | 151      |                               | 181      |                                 |          |
|   | 2        | 19    | 32       |       | 62       | 92    |          |       | 122      |                              | 152      |                               | 182      |                                 |          |
|   | 3        | 20    | 33       |       | 63       | 93    |          |       | 123      |                              | 153      |                               | 183      |                                 |          |
|   | 4        | 21    | 34       |       | 64       | 94    |          |       | 124      |                              | 154      |                               | 184      |                                 |          |
|   | 5        | 22    | 35       | 39    | 65       | 95    |          |       | 125      |                              | 155      |                               | 185      |                                 |          |
|   | 6        | 23    | 36       | 40    | 66       | 96    |          |       | 126      |                              | 156      |                               | 186      |                                 |          |
|   | 7        | 24    | 37       | 41    | 67       | 97    |          |       | 127      |                              | 157      |                               | 187      |                                 |          |
|   | 8        | 25    | 38       | 42    | 68       | 98    |          |       | 128      |                              | 158      |                               | 188      |                                 |          |
|   | 9        | 26    | 39       | 43    | 69       | 99    |          |       | 129      |                              | 159      |                               | 189      |                                 |          |
|   | 10       | 27    | 40       | 44    | 70       | 100   |          |       | 130      |                              | 160      |                               | 190      |                                 |          |
|   | 11       | 28    | 41       | 45    | 71       | 101   |          |       | 131      |                              | 161      |                               | 191      |                                 |          |
|   | 12       | 29    | 42       | 46    | 72       | 102   |          |       | 132      |                              | 162      |                               | 192      |                                 |          |
|   | 13       | 30    | 43       | 47    | 73       | 103   |          |       | 133      |                              | 163      |                               | 193      |                                 |          |
| 1   | 14       | 31    | 44       | 48    | 74       | 104   |          |       | 134      |                              | 164      |                               | 194      |                                 |          |
| 2   | 15       | 32    | 45       | 49    | 75       | 105   |          |       | 135      |                              | 165      |                               | 195      |                                 |          |
| 3   | 16       | 33    | 46       | 50    | 76       | 106   |          |       | 136      |                              | 166      |                               | 196      |                                 |          |
| 4   | 17       | 34    | 47       |       |          | 107   |          |       | 137      |                              | 167      |                               | 197      |                                 |          |
| 5   | 18       | 35    | 48       |       |          | 108   |          |       | 138      |                              | 168      |                               | 198      |                                 |          |
| 6   | 19       | 36    | 49       |       |          | 109   |          |       | 139      |                              | 169      |                               | 199      |                                 |          |
| 7   | 20       | 37    | 50       |       |          | 110   |          |       | 140      |                              | 170      |                               | 200      |                                 |          |
| 8   | 21       | 38    | 51       | 51    | 81       | 111   |          |       | 141      |                              | 171      |                               | 201      |                                 |          |
| 9   | 22       |       | 52       | 52    | 82       | 112   |          |       | 142      |                              | 172      |                               | 202      |                                 |          |
| 10  | 23       |       | 53       | 53    | 83       | 113   |          |       | 143      |                              | 173      |                               | 203      |                                 |          |
| 11  | 24       |       | 54       | 54    | 84       | 114   |          |       | 144      |                              | 174      |                               | 204      |                                 |          |
| 12  | 25       |       | 55       | 55    | 85       | 115   |          |       | 145      |                              | 175      |                               | 205      |                                 |          |
| 13  | 26       |       | 56       | 56    | 86       | 116   |          |       | 146      |                              | 176      |                               | 206      |                                 |          |
| 14  | 27       |       | 57       | 57    | 87       | 117   |          |       | 147      |                              | 177      |                               | 207      |                                 |          |
| 15  | 28       |       | 58       | 58    | 88       | 118   |          |       | 148      |                              | 178      |                               | 208      |                                 |          |
| 16  | 29       |       | 59       | 59    | 89       | 119   |          |       | 149      |                              | 179      |                               | 209      |                                 |          |
| 17  | 30       |       | 60       | 60    | 90       | 120   |          |       | 150      |                              | 180      |                               | 210      |                                 |          |